

SPECIFICATION AMENDMENTS

(brackets indicate deletion; underline indicates insertion)

The peptide proteolipid protein (PLP): 139-151 [H-KISQAVHAAHAE-OH;
Princeton] Princeton Biomolecules, Columbus, OH used for inducing allergic
encephalomyelitis in mice was mixed with Complete Freud's Adjuvans (CFA; 2.5 mg/ml *M*
tuberculosis H37RA; Difco Laboratories, Detroit, MI) in Incomplete Freud's Adjuvans (IFA;
Gibco BRL, Grand Island, NY) to obtain an emulsion of 1 mg/ml with which each mouse
was subcutaneously injected with 50 µl (50 µg/mouse). From day 8 after immunization the
mice were examined for the development of paralytic symptoms and the degree of severity of
the disease was measured according to the standard scale.

Degree 1: relaxed tail

Degree 2: weakness in the hind legs

Degree 3: complete paralysis of the hind legs

Degree 4: quadriplegia

Degree 5: death

To ensure feeding of the paralyzed mice, long water tubes were inserted into the cages and
solid food was put into the nest.